Amendments To The Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An electricity-operated window blind comprising:

a headrail;

a driving mechanism mounted inside said headrail and having a power input device for rotating upon receipt of power supply, and a power output device for rotating with said power input device;

a ~~bind~~ blind body suspended below said headrail and coupled to said power output device and controlled by said power output device to change window shading status; ~~and~~

a control mechanism having a suspension rod downwardly suspended from said headrail by a first end thereof, and a controller installed in a second end of said suspension rod, said controller having a battery set electrically coupled to said power input device for providing the necessary working power to said power input device; and

wherein said power input device comprises a motor and a coupling device, the coupling device of said power input device having connecting means, and first electric interfacing

means installed in said connecting means for receiving external electricity and transferring received external electricity to said motor; said suspension rod comprises coupling means detachably coupled to the connecting means of the coupling device of said power input device, and second electric interfacing means located on the coupling means of said suspension rod and electrically connected to said battery set of said controller and adapted to match said first electric interfacing means for transmission of electricity from said battery set to said motor upon connection of said suspension rod to the coupling device of said power input device.

2. (Original) The electricity-operated window blind as claimed in claim 1, wherein said power input device comprises a motor; said power output device comprises an axle coupled to said motor for synchronous rotation.

3. (Canceled)

4. (Currently Amended) The electricity-operated window blind as claimed in ~~claim 3~~ claim 1, wherein the connecting means of the coupling device of said power input device is an inner thread, and the coupling means of said suspension rod is an outer thread adapted to thread into the inner thread of the connecting means of the coupling device of said power input device.

5. The electricity-operated window blind as claimed in ~~claim 3~~ claim 1, wherein said first electric ~~interface~~ interfacing means is comprised of a plurality of terminals electrically connected to said motor by lead wires; said second electric ~~interface~~ interfacing means is comprised of a plurality of terminals electrically connected to said battery set.

6. (Original) The electricity-operated window blind as claimed in claim 1, wherein said power input device is comprised of a motor mounted inside said headrail, and a hexagonal rod member mounted in said headrail and partially extended out of said headrail, said hexagonal rod member having a coupling portion and a plurality of contacts disposed in a bottom side thereof and electrically connected to said motor; said suspension rod comprises a hexagonal coupling hole formed in said first end for receiving the hexagonal rod member of said power input device, retaining means disposed in said hexagonal coupling hole for securing said suspension rod to the hexagonal rod member of said power input device, and a plurality of terminals installed in said hexagonal coupling hole and electrically connected to said battery set for contacting the contacts of said hexagonal rod member for transmission of electricity from said battery set to said motor.

7. (Original) The electricity-operated window blind as claimed in claim 6, wherein said coupling portion of said hexagonal rod member is a V-groove extended around a periphery of said hexagonal rod member; said retaining means is comprised of a plurality of spring strips vertically disposed in a periphery of said hexagonal coupling hole of said suspension rod, said spring strips each having a smoothly arched protruding portion projecting toward a central axis of said hexagonal coupling hole and adapted to engage the V-groove of said coupling portion of said hexagonal rod member.

8. (Original) The electricity-operated window blind as claimed in claim 1, wherein said suspension rod is a hollow rod member having a predetermined length, and lead wires mounted therein for transmitting electricity from said battery set to said power input device.

9. (Original) The electricity-operated window blind as claimed in claim 1, wherein said controller comprises a handheld box fixedly connected to said suspension rod, a circuit board mounted inside said handheld box for controlling the operation of said motor, said battery set electrically connected to said circuit board, and control switches located on an outside of said handheld box for controlling the operation of said circuit board.

10. (Original) The electricity-operated window blind as claimed in claim 9, wherein said handheld box comprises a detachable battery lid corresponding to said battery set.

11. (Original) The electricity-operated window blind as claimed in claim 9, wherein said circuit board comprises a wireless receiving circuit for receiving control signal from a remote controller.

12. (New) An electricity-operated window blind comprising:

a headrail;

a driving mechanism mounted inside said headrail and having a power input device for rotating upon receipt of power supply, and a power output device for rotating with said power input device;

a blind body suspended below said headrail and coupled to said power output device and controlled by said power output device to change window shading status;

a control mechanism having a suspension rod downwardly suspended from said headrail by a first end thereof, and a controller installed in a second end of said suspension rod, said controller having a battery set electrically coupled to said power input device for providing the necessary working power to said power input device;

wherein said power input device is comprised of a motor mounted inside said headrail, and a hexagonal rod member mounted in said headrail and partially extended out of said headrail, said hexagonal rod member having a coupling portion and a plurality of contacts disposed in a bottom side thereof and electrically connected to said motor; said suspension rod comprises a hexagonal coupling hole formed in said first end for receiving the hexagonal rod member of said power input device, retaining means disposed in said hexagonal coupling hole for securing said suspension rod to the hexagonal rod member of said power input device, and a plurality of terminals installed in said hexagonal coupling hole and electrically connected to said battery set for contacting the contacts of said hexagonal rod member for transmission of electricity from said battery set to said motor; and

wherein said coupling portion of said hexagonal rod member is a V-groove extended around a periphery of said hexagonal rod member; said retaining means is comprised of a plurality of spring strips vertically disposed in a periphery of said hexagonal coupling hole of said suspension rod, said spring strips each having a smoothly arched protruding portion projecting toward a central axis of said hexagonal coupling hole and adapted to engage the V-groove of said coupling portion of said hexagonal rod member.

13. (New) The electricity-operated window blind as claimed in claim 12, wherein said power input device comprises a motor; said power output device comprises an axle coupled to said motor for synchronous rotation.

14. (New) The electricity-operated window blind as claimed in claim 12, wherein said power input device comprises a motor and a coupling device, the coupling device of said power input device having connecting means, and first electric interfacing means installed in said connecting means for receiving external electricity and transferring received external electricity to said motor; said suspension rod comprises coupling means detachably coupled to the connecting means of the coupling device of said power input device, and second electric interfacing means located on the coupling means of said suspension rod and electrically connected to said battery set of said controller and adapted to match said first electric interfacing means for transmission of electricity from said battery set to said motor upon connection of said suspension rod to the coupling device of said power input device.

15. (New) The electricity-operated window blind as claimed in claim 14, wherein the connecting means of the coupling device of said power input device is an inner thread, and the coupling means of said suspension rod is an outer thread

adapted to thread into the inner thread of the connecting means of the coupling device of said power input device.

16. (New) The electricity-operated window blind as claimed in claim 14, wherein said first electric interfacing means is comprised of a plurality of terminals electrically connected to said motor by lead wires; said second electric interfacing means is comprised of a plurality of terminals electrically connected to said battery set.

17. (New) The electricity-operated window blind as claimed in claim 12, wherein said suspension rod is a hollow rod member having a predetermined length, and lead wires mounted therein for transmitting electricity from said battery set to said power input device.

18. (New) The electricity-operated window blind as claimed in claim 12, wherein said controller comprises a handheld box fixedly connected to said suspension rod, a circuit board mounted inside said handheld box for controlling the operation of said motor, said battery set electrically connected to said circuit board, and control switches located on an outside of said handheld box for controlling the operation of said circuit board.

19. (New) The electricity-operated window blind as claimed in claim 18, wherein said handheld box comprises a detachable battery lid corresponding to said battery set.

20. (New) The electricity-operated window blind as claimed in claim 18, wherein said circuit board comprises a wireless receiving circuit for receiving control signal from a remote controller.